

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 5345 ft. Lat: 40.4403° N Lon: 109.5356° W

Station: VERNAL, UT US USC00429111

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	29.2	10.0	19.6	6.5	6.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1097.3	1159.3	1252.3	1407.2	0.0	0.0	0.4	17.2	31.0	5.8
02	37.1	16.5	26.8	5.2	5.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0	789.6	845.6	929.6	1069.6	0.0	0.0	3.2	7.9	27.7	1.8
03	51.1	26.5	38.8	4.0	2.5	3.1	0.6	0.2	0.0	0.0	0.0	0.0	502.9	564.4	657.3	812.3	0.0	0.0	19.3	0.2	25.5	0.0
04	59.9	33.5	46.7	3.6	2.2	2.6	13.2	6.9	2.1	0.2	0.0	0.0	262.1	315.8	401.1	549.1	0.0	0.0	26.4	0.0	14.5	0.0
05	70.2	42.6	56.4	4.1	2.2	2.9	117.2	83.4	44.3	10.0	1.0	0.3	73.9	102.0	155.9	276.7	0.0	0.2	29.9	0.0	3.2	0.0
06	81.4	50.5	66.0	3.8	2.4	3.0	335.3	280.5	203.3	96.7	28.7	14.0	6.8	12.0	24.9	68.2	0.1	6.1	30.0	0.0	0.2	0.0
07	88.7	56.7	72.7	2.8	2.4	2.4	548.7	486.8	394.2	243.1	108.9	66.5	0.1	0.2	0.6	4.5	0.6	16.5	31.0	0.0	0.0	0.0
08	86.0	55.1	70.5	2.7	1.9	2.1	482.2	420.5	328.6	181.7	64.5	34.0	0.2	0.5	1.6	9.7	0.1	10.0	31.0	0.0	0.0	0.0
09	76.3	46.1	61.2	3.0	2.4	2.3	211.9	164.4	101.7	31.3	4.9	1.7	25.9	38.4	65.7	145.4	0.0	1.3	29.9	0.0	1.3	0.0
10	61.2	34.8	48.0	3.5	3.2	2.8	20.5	10.8	3.1	0.1	0.0	0.0	237.5	289.8	375.1	527.0	0.0	0.0	27.6	0.3	13.1	0.0
11	45.7	23.5	34.6	4.2	2.7	3.2	0.1	0.0	0.0	0.0	0.0	0.0	612.1	672.0	762.0	912.0	0.0	0.0	11.6	2.4	26.7	0.1
12	31.3	12.7	22.0	5.0	5.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1022.9	1084.9	1177.9	1332.8	0.0	0.0	0.8	15.2	30.9	3.3
Summary	59.8	34.0	46.9	4.0	3.2	3.4	1730	1454	1077	563	208	116	4631	5085	5804	7114	0.8	34.1	241.1	43.2	174.1	11.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 5345 ft. Lat: 40.4403° N Lon: 109.5356° W
Station: **VERNAL, UT US USC00429111**

Summary of Monthly Normals
1991-2020
Generated on 06/04/2024

Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	0.62	5.3	2.0	0.1	0.0	0.35	0.45	0.79	
02	0.56	5.3	2.2	0.1	0.0	0.19	0.56	0.70	
03	0.68	4.6	2.2	0.3	0.0	0.31	0.61	0.91	
04	0.75	5.6	2.6	0.2	0.0	0.44	0.70	1.13	
05	1.04	7.0	3.1	0.4	0.1	0.33	0.69	1.50	
06	0.59	4.2	2.0	0.3	0.0	0.14	0.50	1.04	
07	0.54	4.2	1.8	0.2	0.0	0.16	0.31	0.79	
08	0.81	5.2	2.2	0.4	0.1	0.45	0.56	0.93	
09	1.22	5.8	3.1	0.5	0.2	0.46	1.08	1.62	
10	1.15	5.4	2.8	0.6	0.1	0.27	0.87	1.59	
11	0.51	4.3	1.8	0.1	0.0	0.32	0.43	0.67	
12	0.61	5.0	2.0	0.2	0.0	0.21	0.41	0.90	
Summary	9.08	61.9	27.8	3.4	0.5	3.63	7.17	12.57	

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 5345 ft. Lat: 40.4403° N Lon: 109.5356° W
Station: **VERNAL, UT US USC00429111**

Summary of Monthly Normals
1991-2020
Generated on 06/04/2024

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	5.80	3.9	2.4	0.8	0.2	0.0	22.9	19.2	16.4	6.0	3.00	3.90	8.20
02	3.90	3.5	2.0	0.4	0.0	0.0	15.8	13.4	11.9	7.4	1.00	2.50	4.40
03	1.60	1.3	0.6	0.2	0.0	0.0	3.9	3.0	2.6	1.4	0.00	0.00	2.00
04	0.60	0.4	0.2	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.20
05	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.50	0.4	0.3	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.00	0.00	0.80
11	1.60	1.2	0.6	0.1	0.0	0.0	1.5	0.2	0.0	0.0	0.00	1.00	2.50
12	6.40	3.7	2.3	0.8	0.3	0.1	15.6	9.7	6.9	1.8	1.10	3.90	10.00
Summary	20.4	14.5	8.4	2.3	0.5	0.1	60.5	45.6	37.8	16.6	5.1	11.3	28.1

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 5345 ft. Lat: 40.4403° N Lon: 109.5356° W
Station: **VERNAL, UT US USC00429111**

Summary of Monthly Normals
1991-2020
Generated on 06/04/2024

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.1	3.5	75.4	223.7	510.1	778.5	1013.6	947.0	636.2	271.4	37.1	0.5
45	0.0	0.2	25.7	118.5	362.2	628.5	858.6	792.0	488.2	151.4	9.3	0.0
50	0.0	0.0	6.0	48.3	226.8	479.6	703.6	637.0	344.9	66.9	1.5	0.0
55	0.0	0.0	0.6	13.2	117.2	335.3	548.7	482.2	211.9	20.5	0.1	0.0
60	0.0	0.0	0.0	2.1	44.3	203.3	394.2	328.6	101.7	3.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	5.9	70.2	160.8	321.2	493.4	647.8	608.5	408.4	186.3	33.6	1.1
Growing Degree Units (Accumulated Monthly)												
40	0	4	79	303	813	1591	2605	3552	4188	4460	4497	4497
45	0	0	26	144	507	1135	1994	2786	3274	3425	3435	3435
50	0	0	6	54	281	761	1464	2101	2446	2513	2515	2515
55	0	0	1	14	131	466	1015	1497	1709	1730	1730	1730
60	0	0	0	2	46	250	644	972	1074	1077	1077	1077
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	6	76	237	558	1052	1699	2308	2716	2903	2936	2937

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.